

AMENDMENTS TO THE CLAIMS

Claims 1-14. (Canceled)

15. (New) An artificial stone wall panel comprising:
an artificial stone having a surface exhibiting an asperity having a depth of from 10 mm to 100 mm, said artificial stone having a composition of

- (i) an inorganic fine powder component having a size of from 9.5 mm to 180 μm , with at least 5 % weight of said inorganic fine powder component being a transparent inorganic component,
- (ii) an inorganic finely divided component having a size of less than 180 μm , and
- (iii) a resin component in an amount of from 7 % to 30 % total weight of said composition,

with a ratio of weight of said inorganic fine powder component to weight of said inorganic finely divided component being in a range of from 1:1 to 5:1, and with said composition having a cure shrinkage factor of at most 0.3 % and a density in a range of from 2.0 g/cm³ to 2.8 g/cm³ after curing; and

a support, for installing said artificial stone onto a wall surface, embedded within said artificial stone, said support being embedded at a volume ratio of at most 80 % and at a depth of at most 80 % of a total thickness of said artificial stone such that part of said support is exposed at a back surface or an edge surface of said artificial stone.

16. (New) The artificial stone wall panel according to claim 15, wherein said support comprises a metal fitting.

17. (New) A process for producing an artificial stone wall panel, comprising:
preparing a mixture having a composition of

(i) an inorganic fine powder component having a size of from 9.5 mm to 180 μm , with at least 5 % weight of said inorganic fine powder component being a transparent inorganic component,

(ii) an inorganic finely divided component having a size of less than 180 μm , and

(iii) a resin component in an amount of from 7 % to 30 % total weight of said composition,

with a ratio of weight of said inorganic fine powder component to weight of said inorganic finely divided component being in a range of from 1:1 to 5:1, and with said composition having a cure shrinkage factor of at most 0.3 % and a density in a range of from 2.0 g/cm^3 to 2.8 g/cm^3 after curing;

filling said mixture into a bottom mold; and

using a top mold in combination with said bottom mold to press-mold a support with said mixture, under a pressure of from 1 N/cm^2 to 100 N/cm^2 , so as to produce an artificial stone having a surface exhibiting an asperity having a depth of from 10 mm to 100 mm, and also having embedded in at least one of a back surface and header surface of said artificial stone said support, with said support being embedded at a volume ratio of at most 80 % and at a depth of at most 80 % of a total thickness of said artificial stone such that part of said support is exposed at a back surface or an edge surface of said artificial stone, wherein said support to be used for installing said artificial stone onto a wall surface.

18. (New) The process according to claim 17, wherein said resin component is a mixture of at least two of a monomer, an oligomer, and a polymer.